SPECIFICATIONS

FinePix S200EXR

Number of effective pixels*1	12.0 million pixels
CCD sensor	1/1.6-inch Super CCD EXR
Storage media	Internal memory (Approx. 47MB) / SD memory card / SDHC memory card*2
File format	Still image: JPEG (Exif Ver. 2.2*3), CCD-RAW (RAF format), CCD-RAW + JPEG Movie: AVI (Motion JPEG) with sound / Audio: WAVE format, Monaural sound (Design rule for Camera File system compliant / DPOF-compatible)
Number of recorded pixels	L: 4:3 4,000 × 3,000 L: 3:2 4,000 × 2,664 L: 16:9 4,000 × 2,248 M: 4:3 2,816 × 2,112 M: 3:2 2,816 × 1,864 M: 16:9 2,816 × 1,584 S: 4:3 2,048 × 1,536 S: 3:2 2,048 × 1,360 S: 16:9 1,920 × 1,080
Lens	Fujinon 14.3× optical zoom lens, F2.8 (Wide) - F5.3 (Telephoto)
Lens focal length	f=7.1 - 101.5 mm, equivalent to 30.5 - 436 mm on a 35 mm camera
Digital zoom	Approx. 2×
Aperture	Wide: F2.8 - F11, Telephoto: F5.3 - F11
Focus distance (from lens surface)	Normal: Wide: Approx. 50 cm / 1.6 ft. to infinity Telephoto: Approx. 2.5 m / 8.2 ft. to infinity Macro: Wide: Approx. 10 cm - 3 m / 0.3 ft. - 9.8 ft. Telephoto: Approx. 90 cm - 3 m / 3.0 ft. - 9.8 ft. Super Macro: Approx. 1 cm - 1 m / 0.4 in. - 3.3 ft.
Sensitivity	Auto / Auto (3200) / Auto (1600) / Auto (800) / Auto (400) / Equivalent to ISO 100 / 200 / 400 / 800 / 1600 / 3200 / 6400* / 12800* (Standard Output Sensitivity) *Number of recorded pixels: ISO 6400: "M" or "S", ISO 12800: "S" only
Exposure control	TTL 256-zones metering
Exposure mode	Programmed AE, Aperture Priority AE, Shutter Priority AE, Manual
Shooting modes	Mode dial: Auto, EXR, FSB, SP, C1, C2, P, S, A, M, Movie SP: Portrait, Portrait Enhancer, Landscape, Sport, Night, Fireworks, Night (Tripod), Pro Low-light, Pro Focus, Sunset, Snow, Beach, Party, Flower, Text, NP, NP & Flash
Image stabilization	Lens-shift type
Shutter speed	(Auto mode) 1/4 sec. to 1/4000 sec., (All other modes) 30 sec. to 1/4000 sec. (depends on shooting mode)
Continuous shooting	Top-6, (max. 1.6 frames/sec.), (CCD-RAW: Top-3) Top-24, High speed (max. 5 frames/sec., "S" only) Last-6, (max. 1.6 frames/sec.), (CCD-RAW: Last-3) Last-24, High speed (max. 5 frames/sec.)
Bracketing mode	Film Simulation BKT (PROVIA / Standard, Velvia / Vivid, ASTIA / Soft) Dynamic Range BKT (DR100%, 200%, 400%) AE BKT (±1/3EV, ±2/3EV, ±1EV)
Focus	Auto focus (Area, Multi, Center) / Continuous AF / Manual focus (One-push AF mode included) AF assist illuminator available
White balance	Automatic scene recognition Preset: Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm white), Fluorescent light (Cool white), Incandescent light Custom
Self-timer	Approx. 10 sec. / 2 sec. delay
Flash	Auto flash Effective range: (ISO AUTO): Wide: Approx. 30 cm - 7.2 m / 1.0 ft. - 23.6 ft. Telephoto: Approx. 90 cm - 3.8 m / 3.0 ft. - 12.5 ft. Flash modes Red-eye removal OFF: Auto, Forced Flash, Suppressed Flash, Slow Synchro. Red-eye removal ON: Red-eye Reduction Auto, Red-eye Reduction & Forced Flash, Suppressed Flash, Red-eye Reduction & Slow Synchro.
Electronic viewfinder	0.2-inch, Approx. 200,000 dots, FLCD monitor, Approx. 100% coverage
LCD monitor	2.7-inch, Approx. 230,000 dots, TFT color LCD monitor, Approx. 100% coverage
Movie recording	640 × 480 pixels / 320 × 240 pixels (30 frames/sec.) with monaural sound
Photography functions	EXR mode (EXR AUTO, RESOLUTION PRIORITY, HIGH ISO & LOW NOISE PRIORITY, D-RANGE PRIORITY), Film Simulation mode, Face Detection (with Auto Red-eye removal), High Speed Shooting, Histogram Display, Dynamic Range, Framing Guideline, Frame No. memory
Playback functions	Face detection (with Red-eye removal), Slide show, Trimming, Multi-frame playback (with Micro Thumbnail), Sorting by date, Image rotate, Resize, Voice Memo, Histograms (Highlight warning)
Video output	NTSC / PAL selectable
Digital interface	USB 2.0 High-speed
Power supply	NP-140 Li-ion battery(included) / AC power adapter AC-84V (sold separately)
Dimensions	133.4 (W) × 93.6 (H) × 145.0 (D) mm / 5.3 (W) × 3.7 (H) × 5.7 (D) in. (excluding accessories and attachments)
Weight	Approx. 820 g / 28.9 oz. (excluding accessories, batteries and memory card)

*1 Number of effective pixels: The number of pixels on the image sensor which receive input light through the optical lens, and which are effectively reflected in the final output data of the still image.
*2 Please see the Fujifilm website to check memory card compatibility.
*3 Exif 2.2 is a digital camera file format that contains a variety of shooting information for optimal printing.
*4 "CIPA DC-002-2003 *Standard Procedure for Measuring Digital Still Camera Battery Consumption*" (extract)
Pictures shall be taken at a temperature of 23℃, with the LCD monitor turned on, the zoom moved from full wide-angle to full telephoto (or vice-versa) and back again to its original position every 30 seconds, the flash used at full power every second shot and the camera turned off and on again once every 10 shots.

FUNCTIONS

Number of images / recording time

Mode	Still image						Movie	
Number of recorded pixels	4,000 × 3,000 (L 4:3)		2,816 × 2,112 (M 4:3)		2,048 × 1,536 (S 4:3)		Movie recording time	
Quality	JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL	VGA	QVGA
Internal memory (approx. 47MB)	9	16	16	32	30	59	42 sec.	1 min. 23 sec.
SD memory card 512MB	100	160	160	330	310	600	7 min.	14 min.
1GB	200	330	330	660	620	1,210	14 min.	28 min.
2GB	410	660	670	1,310	1,230	2,380	29 min.	57 min.
SDHC memory card 4GB	830	1,330	1,340	2,640	2,480	4,770	58 min.*	114 min.*
8GB	1,680	2,670	2,700	5,290	4,980	9,570	116 min.*	230 min.*

Actual number of frames and recording time varies depending on the type of memory card or shooting conditions.
•Movie recording will stop automatically when the movie file size becomes approx. 2GB.

OPTIONAL ACCESSORIES

AC power adapter AC-84V
Rechargeable battery NP-140
Remote release RR-80

Accessory availability may vary by country.
Please check with your local Fujifilm representative to confirm product availability.

ACCESSORIES INCLUDED

Li-ion battery NP-140 / Battery charger BC-140 / Shoulder strap / Lens cap / Lens cap holder / USB cable / A/V cable / CD-ROM: FinePixViewer / Owner's manual CD / Basic manual

Guide to the number of available frames for battery operation

Battery	Number of frames
NP-140	Approx. 370 frames

According to the Camera & Imaging Products Association (CIPA) standards.*4

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For more information, please visit our Website:
http://www.fujifilm.com/products/digital_cameras/index.html
Specifications are subject to change without notice.
All sample photos are simulated images.

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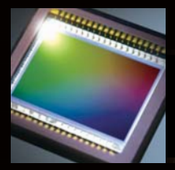
FUJIFILM
FINEPIX S200EXR
NEW
FUJIFILM
OPTICAL IMAGE STABILIZATION
EXR
FUJINON ZOOM LENS 14.3x OPTICAL f=7.1-101.5mm 1:2.8-5.3
SUPER CCD EXR
12M Super CCD EXR | 14.3x Optical Zoom | Film Simulation Mode | High Contrast LCD
FinePix. More than you imagined.

FINEPIX S200EXR

FinePix image quality technology: Everything you need for great photos

At Fujifilm we know how important your photos are. That's why our goal is to deliver true image quality with every shot.
A simple aim, but one that requires a wide range of advanced, interdependent technologies, from lenses
to sensors to image processors. The Real Photo Technology found in FinePix cameras represents just such a fusion of technologies.
At its heart lies the newly developed Super CCD EXR sensor, working in tandem with a high-resolution Fujinon lens and
powerful EXR Processor technology. Together they reflect both the experience Fujifilm has gained over our long years
in photography and our expertise with the latest digital imaging technologies.
We invite you to discover a new dimension in image quality: the FinePix S200EXR.



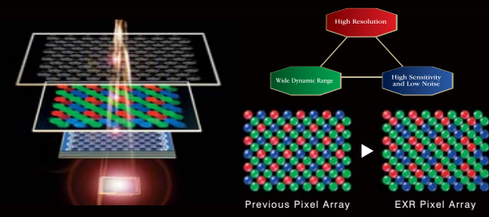
Super CCD EXR Sensor

Inspired by the mechanism of the human eye itself, the Super CCD EXR combines three different intelligent image capture modes. The result: photographic detail beyond the ability of conventional sensors.

▣ Newly developed color filter array with 3-way Capture Technology

A new arrangement of the color filter mosaic provides more image data than conventional arrays. Combined with new 3-way Capture Technology, the result is a single sensor that can operate in three modes: high resolution, wide dynamic range, or high sensitivity and low noise.

SUPER CCD EXR

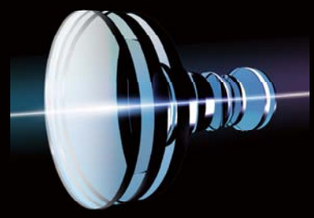


FUJINON Lens

Known for their high resolution and expressive imaging abilities, Fujinon lenses have earned a top reputation in fields from television and medical devices to industrial applications.

▣ Aspherical and low-dispersion glass elements for superb resolution

The 14.3x zoom lens designed for the S200EXR comprises 13 elements in 10 groups, including aspherical and low-dispersion glass elements. The aspherical elements ensure low distortion and superior light-gathering abilities, for outstanding performance despite the relatively small number of elements. The low-dispersion glass elements meanwhile minimize the optical aberrations that cause color smearing and fringing when shooting at longer focal lengths. The result is high resolution and outstanding overall imaging performance throughout the entire zoom range. A number of the elements also employ multi-coating technology to reduce reflections, minimizing ghosting and flare.



▣ Lens-shift image stabilization

To minimize the effect of camera shake, especially at longer focal lengths, the S200EXR incorporates a lens-shift image stabilization system. The sensor automatically detects small movements of the camera and then corrects them by shifting the lens group in the optical path. The mechanism produces a compensation effect equivalent to about three f-stops.*

* Based on measurements by Fujifilm.

EXR Processor

The next-generation EXR Processor used in the S200EXR was developed to optimize three key elements of EXR image quality: resolution, dynamic range, and sensitivity.

▣ Image processing for full EXR image quality

To achieve true image quality, the S200EXR processor employs an advanced electric charge to control the output from the Super CCD EXR sensor. This simultaneously minimizes all forms of noise while allowing more natural colors, higher resolution, and quicker processing. This technology also makes possible rapid continuous shooting and the new Multi Frame technology that allows the S200EXR to automatically align a number of separate exposures into one image.

Resolution Priority Mode: 12-megapixel, ISO100, Dynamic Range 100%

D-range Priority Mode: 6-megapixel, ISO200, Dynamic Range 800%

High ISO & Low Noise Priority Mode: 6-megapixel, ISO1600, Dynamic Range 100%

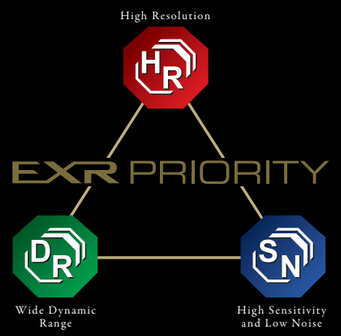
EXR Mode

Extreme creativity with “Priority”. Extreme point-and-shoot with “Auto”.

SUPER CCD EXR

EXR Priority

You can set the sensor for the scene.



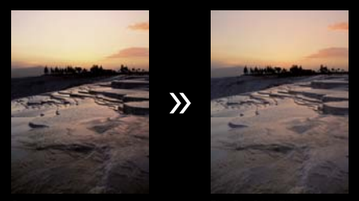
Ideally each scene demands different sensor functionalities. With EXR Priority, you can manually “switch” the sensor to one of three capture modes. Just like your eye prioritizes different functions for optimal viewing of different scenes, each EXR mode uses a different approach to change how the sensor captures the image. Unlike conventional technology that relies on “processing” the image after capture, the fundamental image quality during capture is remarkably improved.

High Resolution

Just as your eye sees the finest detail in bright conditions, “Resolution Priority” uses the full 12-megapixel resolution of the unique EXR array to reproduce the smallest detail in bright beautiful color.

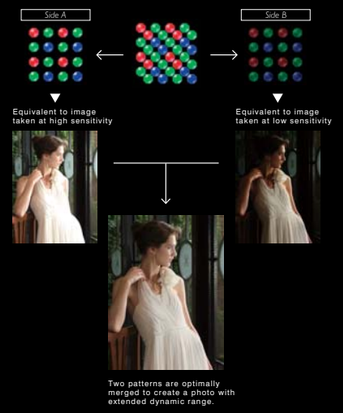
Wide Dynamic Range

Just as your eye sees the full range of shadows to highlights in high-contrast scenes, "D-range Priority” simultaneously captures two images to produce a single image with Wide Dynamic Range up to 800%, revealing subtleties in shadow and eliminating washout of the bright areas.



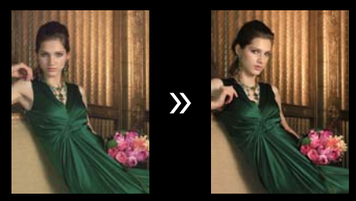
Conventional digital camera (100%)

FinePix S200EXR (800%)


Side A
Side B
Equivalent to image taken at high sensitivity
Equivalent to image taken at low sensitivity
Two patterns are optimally merged to create a photo with extended dynamic range.

High Sensitivity and Low Noise

Just as your eye strives to make dark scenes as bright and detailed as possible, "High ISO & Low Noise Priority" takes advantage of high sensitivity and FinePix's original pixel binning technology to capture the subject with exceptional brightness and minimal noise.

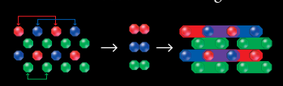


Conventional digital camera

FinePix S200EXR

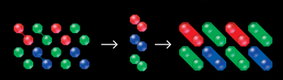
* With“ D-range Priority” and“ High ISO & Low Noise Priority”, maximum image resolution (number of pixels) is halved.

Previous Pixel Binning



In conventional horizontal or vertical pixel binning, pixels of the same color are separated, resulting in unnatural false colors.

EXR Pixel Binning



In EXR pixel binning, pixels of the same color are adjacent, producing highly accurate color, free of false colors.

EXR AUTO

You take the picture, we switch the sensor.

“EXR AUTO” not only automatically recognizes the scene and selects the ideal shooting mode, but also “switches” the sensor to the perfect capture mode for each condition. With the sensor and every setting automatically optimized for the scene, you just frame and shoot for a new dimension in image quality.

1 Automatic Scene Recognition

Portrait · Night · Macro

Landscape · Night Portrait · Backlit Portrait

2 Automatic Sensor Switching

In Bright Scenes — High Resolution

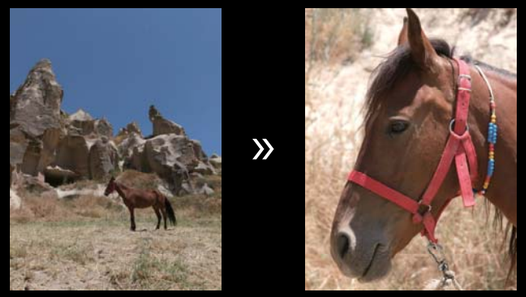
In High-contrast Scenes — Wide Dynamic Range

In Dark Scenes — High Sensitivity and Low Noise

FUJINON 14.3x Optical Zoom Lens

Specifically designed to deliver maximum image quality to the Super CCD EXR sensor, the 14.3x zoom lens in the S200EXR offers a massive range from 30.5mm wide angle to 436mm telephoto (35mm camera equivalents). For even more versatility, its Super Macro capability lets you focus to within 1cm of your subject. And the manual zoom control guarantees quick, convenient zooming.

▣ 14.3x optical zoom lens



Wide angle

14.3x optical zoom

▣ 1cm Super Macro

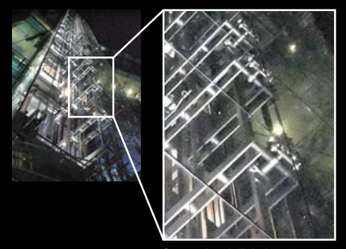
Pro Low-light Mode / Pro Focus Mode NEW

With the new Multi Frame technology, just press the shutter once and the camera automatically takes a rapid series of exposures,*1 analyzes them, and then aligns them to produce a single frame. In the S200EXR, this Multi Frame technology plays a role in two new shooting modes.

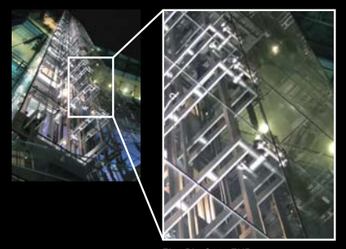
*1 For proper operation of the new modes, the camera and the subject must remain stationary during the series of exposures.

▣ Pro Low-light Mode

Ideal for shooting non-moving subjects in low light, this mode automatically takes a series of four high-sensitivity/low-noise exposures and then combines them into an image with less noise than the single exposures. The result is a new level of image clarity at high ISOs.



Conventional digital camera



FinePix S200EXR

▣ Pro Focus Mode

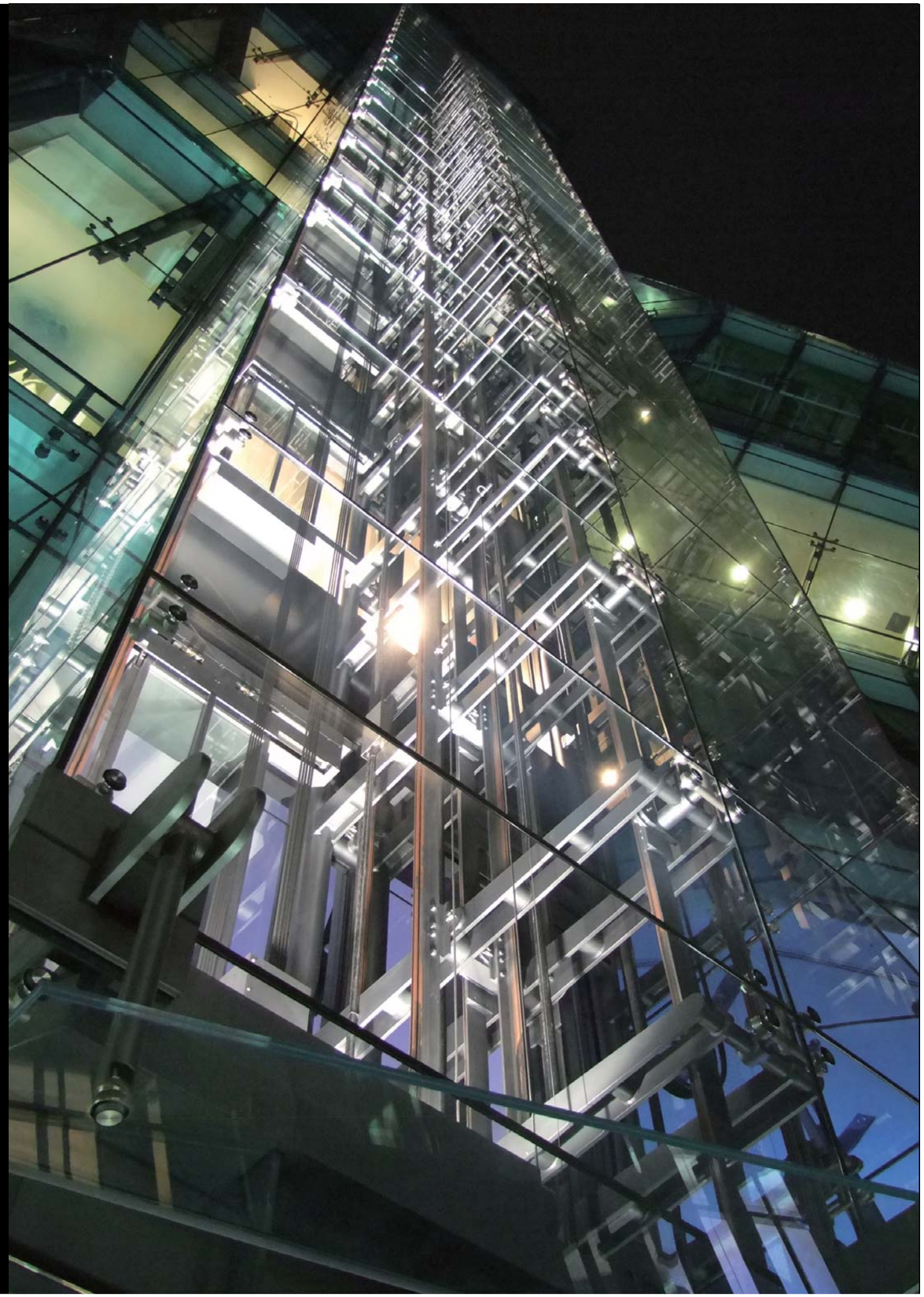
This focus-bracketing mode emulates the gentle, out-of-focus background look of a DSLR when shooting portraits or macro subjects.
A single press of the shutter first takes an exposure focused on the main subject, then additional exposures at different focus points.*2 This produces a final image emphasizing the sharply focused subject against a soft, out-of-focus background.*3

Conventional digital camera

FinePix S200EXR

*2 There must be sufficient distance between the subject and the background for this function to work properly.

*3 Except for subjects where focus bracketing is unable to produce sufficient defocus.



FS — Film Simulation Mode

Simulate the distinctive look of 5 different film types with just a touch of a button. Modeled on Fujifilm brands loved by professional photographers, each breathes life in to your image with a quality that previously only film could capture.

PROVIA / Standard Mode

Powerful mode for any subject. Produce colors with the natural tone of PROVIA film, trusted by professional photographers.

Velvia / Vivid Mode

Mode for distinctive saturation and the colors of Velvia. Produce the vivid colors of subjects in photos with great sharpness and color tones.

ASTIA / Soft Mode

Mode for soft, fine, smooth tonality. Fidelity of hue and soft tone are the features of this mode.

Black & White Mode

Capture the dramatic honesty of your image in black and white.

Sepia Mode

Create a sense of nostalgia with the warm brown “antique” tones of sepia.

Three bracketing functions

The FinePix S200EXR has three bracketing functions useful for high-level photography.

Film Simulation bracketing

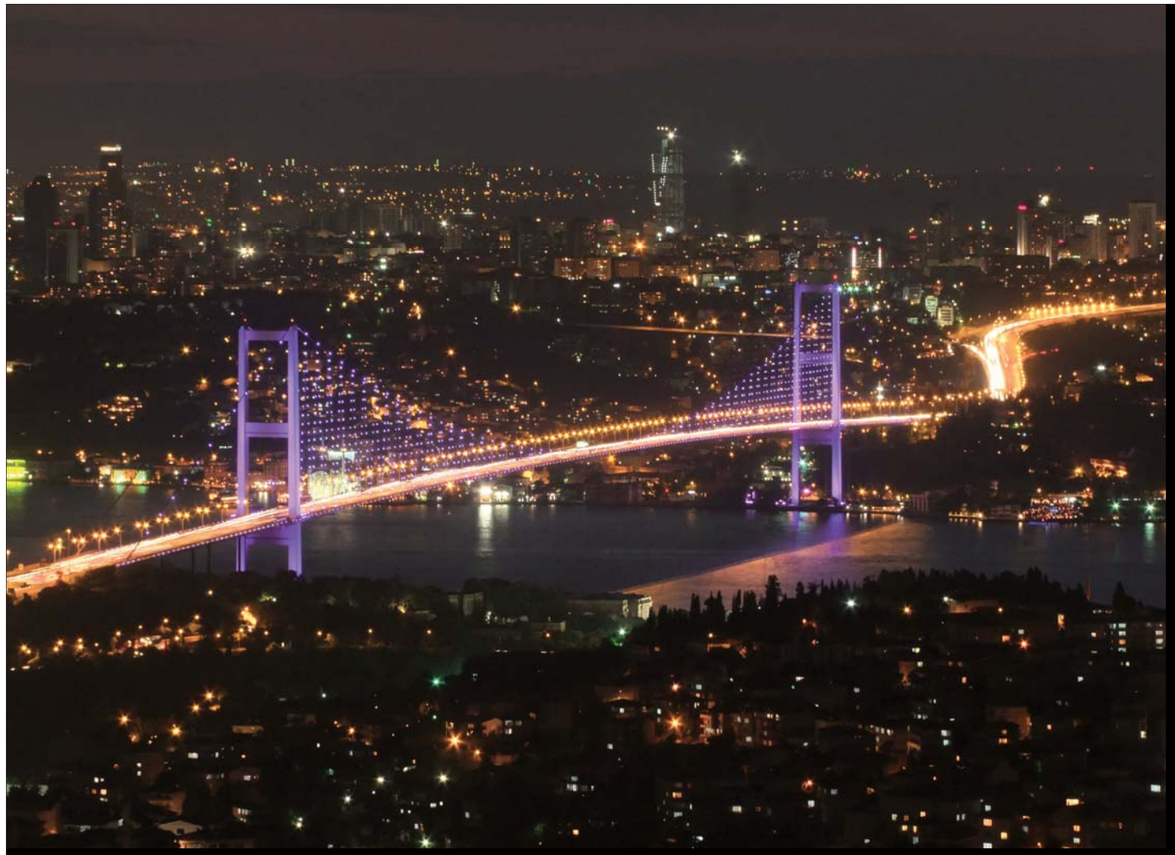
One press of the shutter produces three images of PROVIA, Velvia, and ASTIA modes.

Dynamic Range bracketing

One press of the shutter produces three images in different dynamic ranges (100%, 200%, 400%).

AE bracketing

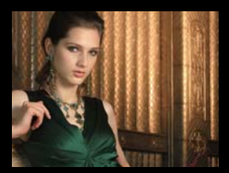
Continuous capture of three frames with exposure range of up to ±1.0EV.



Manual settings for a variety of image styles

▣ Customized image adjustments

A full range of custom manual image settings including sharpness, color, and tone let you adjust the look of your photos to your own tastes. New features include a choice of three levels of noise reduction: Normal, for standard noise reduction; High, for maximum suppression of noise; and Low, when resolution is a priority.
For example, set Noise Reduction Control to High when you want to capture the smooth texture of a woman's complexion; select Low to capture the nuances of an antique timepiece.



Noise Reduction Control (High)

Noise Reduction Control (Low)

▣ Shutter speeds from 1/4000 second to 30 seconds

The S200EXR gives you a choice of shutter speeds from 1/4000 second to 30 seconds, all with a shutter lag of no more than approximately 0.01 seconds. You also have access to a wide range of ISO sensitivities, as well as an aperture range of f/2.8-f/11 in 1/3EV increments.

▣ CCD-RAW (EXR) + JPEG file formats for post-processing

For the ultimate in image quality, the S200EXR offers a CCD-RAW (EXR) capture mode, producing files that can be developed and post-processed on your PC.* You can also choose to have the camera simultaneously record CCD-RAW (EXR) and JPEG files.

* CCD RAW files captured by S200EXR cannot be converted with FinePixViewer included in the CD-ROM. Updater of FinePixViewr for conversion of CD RAW files will be available from Nov, 2009.
http://www.fujifilm.com/support/download/camera/software/s200exr/

Additional Features

Super Intelligent Flash

"Super Intelligent Flash" is flash control technology that lets you take flash-assisted shots without flash washout. Integrated in the AUTO mode, this next-generation flash system makes it easy to capture subjects and background in bright, clear and natural detail over the full flash range including ultra close-ups.

Conventional digital camera

FinePix S200EXR

2.7-inch high-contrast, wide-viewing angle LCD

The 2.7-inch, 230,000-dot high-contrast LCD monitor assures a sharp, brilliant view. The wide viewing angle of up to 160°, both vertically and horizontally, keeps the image visible when holding the camera at various angles, and is equally convenient for playing back images and viewing menus.

Fast, accurate AF modes for all situations

The S200EXR's four AF modes are ready for any subject and shooting style: Single AF, Continuous AF, Manual Focus, and One-Push AF (when using Manual Focus). All operate quickly and accurately to assure that your composition is focused exactly where you want it to be, while increased AF sensitivity now lets you focus in even lower light levels.

High-speed continuous shooting

To ensure you'll never miss the decisive moment, the S200EXR can shoot continuously at full 12-megapixel resolution up to 6 frames maximum in JPEG format or three frames maximum in CCD-RAW (EXR). Or choose 3-megapixel resolution for a remarkable 5 frames per second for up to 24 frames. And for greater convenience during playback, you can scan through up to 10 images per second.

Dust-free lens / body integration

Lens and body are structurally integrated, preventing the entry of dust and debris. That means the sensor and other internal components remain clean and maintenance-free.

Easy viewing EVF

The newly developed electronic viewfinder is designed to offer the same kind of viewing experience as an optical finder. Thanks to a field sequential motion system, its LCD system shows dramatically improved responsiveness and color accuracy, allowing it to be used to check color balance and focus. The 0.2-inch approximately 200,000-dot back-panel LCD monitor offers an improved view as well, with a finer, less-pixelated image.